

Date: Wed, 18 Aug 93 04:30:22 PDT
From: Ham-Homebrew Mailing List and Newsgroup <ham-homebrew@ucsd.edu>
Errors-To: Ham-Homebrew-Errors@UCSD.Edu
Reply-To: Ham-Homebrew@UCSD.Edu
Precedence: Bulk
Subject: Ham-Homebrew Digest V93 #14
To: Ham-Homebrew

Ham-Homebrew Digest Wed, 18 Aug 93 Volume 93 : Issue 14

Today's Topics:

Electro-nostalgia CHALLENGE; was: Re: Why aren't electronics cool any more? (2
msgs)

 Need-Interface for PC for CW (2 msgs)
 What kits would you like to see? (2 msgs)

Send Replies or notes for publication to: <Ham-Homebrew@UCSD.Edu>
Send subscription requests to: <Ham-Homebrew-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Homebrew Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-homebrew".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 18 Aug 1993 03:23:08 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!
cleveland.Freenet.Edu!aa570@network.ucsd.edu
Subject: Electro-nostalgia CHALLENGE; was: Re: Why aren't electronics cool any
more?
To: ham-homebrew@ucsd.edu

Those Low-voltage tubes were called Nuvistors. I still have 2-3 from
my early TV repair days.

Date: 18 Aug 1993 05:21:01 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
europa.eng.gtefsd.com!emory!news-feed-2.peachnet.edu!hobbes.cc.uga.edu!
aisun3.ai.uga.edu!mcovingt@network.ucsd.edu
Subject: Electro-nostalgia CHALLENGE; was: Re: Why aren't electronics cool any
more?
To: ham-homebrew@ucsd.edu

In article <24s7as\$6gm@usenet.INS.CWRU.Edu> aa570@cleveland.Freenet.Edu (Jim Cole) writes:

>

>Those Low-voltage tubes were called Nuvistors. I still have 2-3 from
>my early TV repair days.

No, I remember the 60-volt Nuvistors (tubes the size and shape of a metal-can transistor). I recently disassembled an RCA "New Vista" color TV from circa 1968 that had them in it.

The low-voltage tubes I had in mind use a 12-volt plate supply. 12U7 (not 12AU7) is the one that comes to mind; at one time I made a list of them. There were about a dozen.

They actually use a lower component count than conventional tubes, because the cathode is always connected directly to ground.

They pass very little current, and the typical plate load resistor is 100K. You also need a 2-meg grid leak resistor, typically. And the grid should not have a low-resistance DC path to ground, because if it does, the bias won't work (bias is derived from electrons accumulating on the grid).

--

:- Michael A. Covington, Associate Research Scientist : *****
:- Artificial Intelligence Programs mcovingt@ai.uga.edu : *****
:- The University of Georgia phone 706 542-0358 : * * *
:- Athens, Georgia 30602-7415 U.S.A. amateur radio N4TMI : ** *** ** <><

Date: 17 Aug 93 11:46:30 EDT
From: psinntp!arrl.org@uunet.uu.net
Subject: Need-Interface for PC for CW
To: ham-homebrew@ucsd.edu

The ARRL Field Services BBS has a shareware program called HAMCOM21.ZIP that serves as a terminal program for use with a very simple circuit. The diagram of this circuit is contained in the program's online help. The FSD BBS can be reached at: (203) 666-0578. The terminal settings are the standard 8 bits, No parity, 1 stop bit (8N1) with baud rates up to 9600.

Date: Wed, 18 Aug 93 02:09:29 GMT

From: mentor.cc.purdue.edu!noose.ecn.purdue.edu!en.ecn.purdue.edu!n9ljx@purdue.edu
Subject: Need-Interface for PC for CW
To: ham-homebrew@ucsd.edu

In article <2069@arrl.org> mtracy@arrl.org (Michael Tracy) writes:
>The ARRL Field Services BBS has a shareware program called HAMCOM21.ZIP
>that serves as a terminal program for use with a very simple circuit.
>The diagram of this circuit is contained in the program's online help.
>The FSD BBS can be reached at: (203) 666-0578. The terminal settings are
>the standard 8 bits, No parity, 1 stop bit (8N1) with baud rates up to 9600.

And to avoid the toll call, this software is available at your favorite FTP sites. It does a good job with RTTY also!

--sas

--
Scott Stambaugh - N9LJX internet: n9ljx@ecn.purdue.edu
Operations Supervisor, ADPC phone: 317 494 7946
Purdue University
West Lafayette, IN 47907-1061

Date: Tue, 17 Aug 1993 15:17:53 GMT
From: psinntp!atldbs!adair@uunet.uu.net
Subject: What kits would you like to see?
To: ham-homebrew@ucsd.edu

mcovingt@aisun3.ai.uga.edu (Michael Covington) writes:
: I'm getting ready to do some free-lance designing, and would like to start
: a discussion...
:
: What kind of kits would you like to see offered by companies like Ramsey
: and others in the under-\$40-per-kit class?
:
: What kinds of construction projects would you like to see featured in
: magazine articles?
:

I look forward to this kind of stuff....

My suggestions are:

- SWR Meter UHF & VHF
- Auto ID for Remote base feature of dual band radios
- Cordless phone/HF rig interface (probably > \$40)

I can think of more...

--

Owen Adair WD4FSU adair@dbsoftware.com
D&B Software ...backbone!uupsi5!atltdbs!adair (404) 239-3690
There is an alarming increase of topics I know nothing about.

Date: Tue, 17 Aug 1993 17:29:52 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
vixen.cso.uiuc.edu!moe.ksu.ksu.edu!crcnis1.unl.edu!news.unomaha.edu!
cwis.unomaha.edu!ncc2001@network.ucsd.edu
Subject: What kits would you like to see?
To: ham-homebrew@ucsd.edu

I would not mind seeing some 6m transmitters/recievers. Most of the projects
you see in the ham mags are for hf work.

my \$0.02 worth

73's

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| Michael Fortner * "I've got all this love to give and |
| NOY?? (12 weeks and counting) * so far all I have is my ham radio" |
| ncc2001@cwis.unomaha.edu * -Selma Bouvier (Marge's sister) |

Date: 18 Aug 1993 01:05:10 GMT
From: usc!math.ohio-state.edu!magnus.acs.ohio-state.edu!csn!news.sinet.slb.com!
news.San-Jose.ate.slb.com!jones@network.ucsd.edu
To: ham-homebrew@ucsd.edu

References <1993Aug14.182447.13022@doug.cae.wisc.edu>,
<24jtk2\$1hc@hobbes.cc.uga.edu>, <24jtrj\$1hi@hobbes.cc.uga.edu>~
Subject : Re: What kits would you like to see?

Michael Covington (mcovingt@aisun3.ai.uga.edu) wrote:
: I'm getting ready to do some free-lance designing, and would like to start
: a discussion...

: What kind of kits would you like to see offered by companies like Ramsey
: and others in the under-\$40-per-kit class?

: What kinds of construction projects would you like to see featured in
: magazine articles?

: Suggestions, comments, free-for-all invited...

: --

: :- Michael A. Covington, Associate Research Scientist : *****
: :- Artificial Intelligence Programs mcovingt@ai.uga.edu : *****
: :- The University of Georgia phone 706 542-0358 : * * *
: :- Athens, Georgia 30602-7415 U.S.A. amateur radio N4TMI : ** *** ** <><

Well, these two items might come in a tad over \$40 each, but I expect not a
lot over \$40:

- o A DTMF keypad that could be added to the Ramsey VHF/UHF transcievers
- o A CTCSS encoder AND decoder that could be added to the same radios
(preferably with a way of "following" the frequency switch selection)
The ability to use "split" CTCSS frequencies would be nice, too
(we've got one repeater here that has problems with it's own output
getting back into the reciever as part of the intermod, and having
the same CTCSS on both input and output sure doesn't help that. I'm
a real fan of tone-squelch, too.) (Yes, there is a board on the
market [HRO sells it] that does CTCSS encode/decode, but I like to
use my soldering iron!)

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Disclaimer: The opinions expressed above are mine and not those of Schlumberger
because they are NOT covered by the patent agreement!

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AZ 85284-1825

End of Ham-Homebrew Digest V93 #14
